Amendment Under 37 C.F.R. § 1.111 U.S. Appln. No. 09/827,167

- cutting the steel sheet to obtain a steel sheet blank,
- stamping the steel sheet blank to obtain the part,
- generating an alloyed compound on a surface of the strip of rolled steel sheet, before the stamping, said alloyed compound ensuring protection against corrosion and steel decarburization, and providing a lubrication function, and
 - trimming excess material from the steel sheet required for the stamping operation.
 - 2. (Amended) The process according to Claim 1, further comprising:
- after the steel blank is cut to obtain the steel sheet blank, subjecting the coated steel sheet blank to a rise in temperature in order to hot-form a part, thereby forming the alloyed compound at the surface of the part, said alloyed compound ensuring protection against corrosion and steel decarburization, and providing a lubrication function,
- cooling the stamped part to obtain such mechanical properties in the steel as high hardness and high surface hardness of the coating.
- 4. (Amended) The process according to Claim 1, wherein the alloyed compound is a zinc-iron or zinc-iron-aluminum based compound.
- 5. (Amended) The process according to Claim 1, wherein the coated steel sheet is subjected to a rise in temperature in excess of 700°C prior to at least one of a stamping and heat treatment.



Amendment Under 37 C.F.R. § 1.111 U.S. Appln. No. 09/827,167

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by stamping is cooled so that it is quenched at a rate higher than the critical quenching rate.

Please add the following new claim:

(New) The process according to claim 5, wherein the coated steel sheet is subjected to a rise in temperature in excess of 700°C in an oven and wherein an atmosphere of the oven is not controlled.